## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref# | Hits  | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|-------|---|---|---------------------|---------|---------------------|
| L2   | 93    | (FIFO near2 buffer) and ((detect \$3 determin\$3 search\$3) near3 ((sync synch synchroniz\$6) near3 (pattern data signal))) and (window range gate) and ((correct\$3 compensat\$3) and (multiple several plural\$3) near4 (segment interval)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2009/09/18<br>15:07 |
| L4   | 1     | (hayashi near2 kenichi).in. and<br>((deviat\$3 offset) near9 (sync<br>synch synchroniz\$6))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2009/09/18<br>15:11 |
| L5   | 1     | (endo near2 masaki).in. and<br>((deviat\$3 offset) near9 (sync<br>synch synchroniz\$6))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2009/09/18<br>15:11 |
| L7   | 12509 | (((detect\$3 determin\$3 search<br>\$3) near3 (sync synch synchroniz<br>\$6)) and (window range gate<br>period) and (segment interval)<br>and ((correct\$3 adjust\$4 modif<br>\$5 compensat\$3) near3 (error<br>deviation offset)))           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2009/09/18<br>15:24 |
| L13  | 74    | 7 and 369/47.42,47.35,59.24.<br>ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2009/09/18<br>15:34 |
| L14  | 401   | 7 and 360/48,51,53.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2009/09/18<br>15:34 |
| L16  | 34    | 14 and (divid\$3 near4 (sync synch synchroniz\$6))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2009/09/18<br>15:35 |
| S21  | 1     | ("6009549").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | OFF     | 2009/09/14<br>09:16 |

| \$23 | 1475 | ((sync synchroniz\$6 synch)<br>near3 (segment divi\$4)) and<br>(phase near2 (offset error)) and<br>(correct\$3 compensat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>05:33 |
|------|------|---|---|----|----|---------------------|
| S24  | 87   | S23 and "360"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>05:34 |
| S25  | 11   | S24 and (bit near3 (slip insert<br>\$3))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>05:45 |
| S26  | 375  | ((sync synchroniz\$6 synch) near3 (segment divi\$4)) and (phase near2 (offset error)) and (correct\$3 compensat\$3) and ((difference offset) near5 (period interval))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>06:00 |
| S27  | 32   | S26 and (bit near3 (slip insert<br>\$3))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>06:02 |
| S29  | 74   | ((sync synchroniz\$6 synch) near3 (segment interval divi\$4)) and (phase near2 (offset error)) and (correct\$3 compensat\$3) and (FIFO (first near3 out)) and (error near2 integrat\$3)                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>06:18 |
| S30  | 12   | ((detect\$3 identif\$6 sens\$3) near3 (sync synchroniz\$6 synch) near3 (segment interval pattern)) and (deviat\$3 offset error) and (correct\$3 compensat \$3) and (FIFO (first near3 out)) and (error near2 integrat\$3) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>06:37 |
| S35  | 1876 | (sync synch synchroniz\$6) same<br>(phase near2 (error deviation<br>offset)) same (clock near2<br>(signal data information))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:47 |
| S36  | 8128 | 360/31,39,51,53.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:47 |
| S37  | 5    | (difference offset) near4 ((synch<br>synchroniz\$6 sync) near2<br>(interval period)) near5<br>(predetermin\$2 near2 period)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:49 |

| <b>S</b> 39 | 27  | (difference compar\$4 offset) near9 ((synch synchroniz\$6 sync) near2 (interval period)) near6 (predetermin\$2 near2 period) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:57 |
|-------------|-----|--|---|----|----|---------------------|
| S40         | 76  | S35 and S36  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:57 |
| S41         | 209 | S35 and "369"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:58 |
| S42         | 107 | S41 and (tim\$3 near4 (segment error))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:58 |
| S43         | 75  | S42 and (detect\$3 near4<br>(window gate range interval<br>period))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:59 |
| S44         | 39  | S40 and (detect\$3 near4<br>(window gate range interval<br>period))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/09/15<br>08:59 |
| S45         | 66  | ("6009549").URPN.  | USPAT   | OR | ON | 2009/09/15<br>09:30 |

## 9/18/09 3:57:14 PM

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